

Title (en)

ANALYZING THE STATE OF A TECHNICAL SYSTEM WITH RESPECT TO REQUIREMENTS COMPLIANCE

Title (de)

ANALYSE DES ZUSTANDS EINES TECHNISCHEN SYSTEMS IN BEZUG AUF DIE ANFORDERUNGSERFÜLLUNG

Title (fr)

ANALYSE DE L'ÉTAT D'UN SYSTÈME TECHNIQUE PAR RAPPORT À LA CONFORMITÉ À DES EXIGENCES

Publication

**EP 3529722 A1 20190828 (EN)**

Application

**EP 16816254 A 20161215**

Priority

EP 2016081204 W 20161215

Abstract (en)

[origin: WO2018108280A1] The present invention refers to a computer-implemented approach for evaluation of contractual requirements (RAM) in view of a technical railway system (T), namely whether the latter complies with the requirements (RAM). The technical railway system (T) and is modeled In case of non-compliance the system is modeled and contractual requirements (RAM) are modeled in one common model. The generated model is analyzed in order to calculate control instructions (sci, rci) for matching the same.

IPC 8 full level

**G06F 17/50** (2006.01); **G06Q 50/30** (2012.01)

CPC (source: EP US)

**G06F 30/00** (2020.01 - EP US); **G06F 30/15** (2020.01 - US); **G06F 30/3323** (2020.01 - US); **G06Q 10/06** (2013.01 - EP US)

Citation (examination)

WO 02073475 A1 20020919 - CALIFORNIA INST OF TECHN [US]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**WO 2018108280 A1 20180621**; EP 3529722 A1 20190828; US 11003822 B2 20210511; US 2019294737 A1 20190926

DOCDB simple family (application)

**EP 2016081204 W 20161215**; EP 16816254 A 20161215; US 201615579984 A 20161215